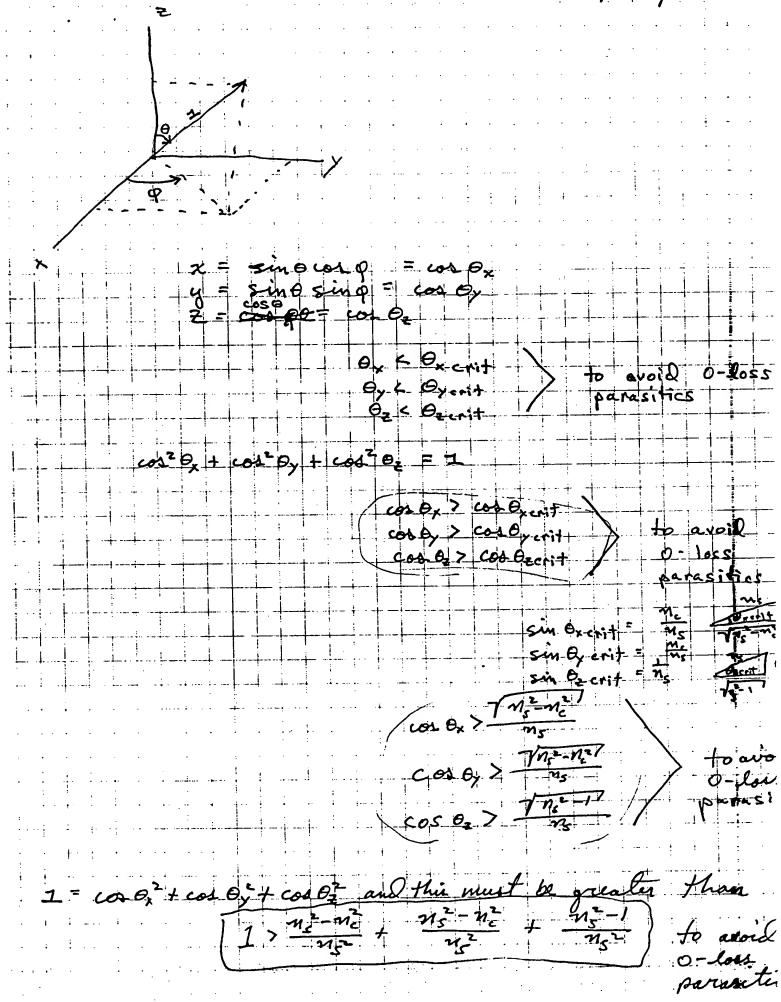
ASE 2 Parasitics ATTACHMENT may endingu positionremons @ calculate reflection off 3 sets of orthogonal plan @ calculate travel Distance Orthogonal plan

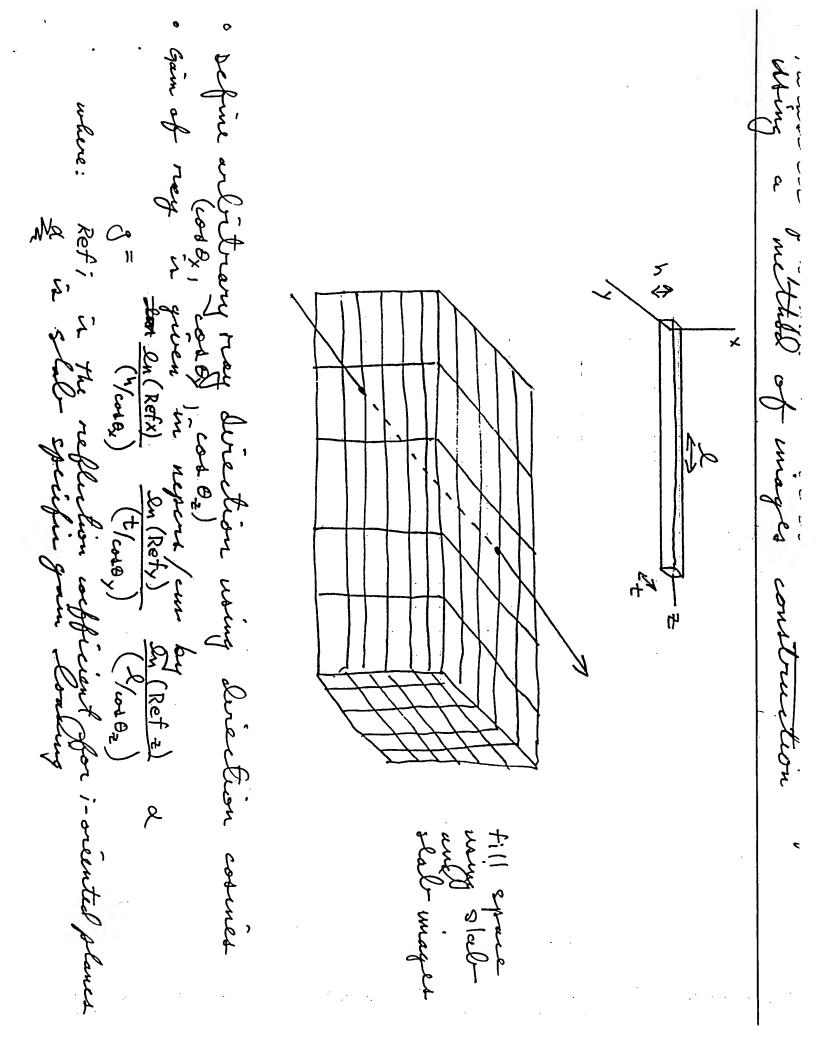
@ ints on a loss fine number tris looks amendele de an analytic use direction cosines to paramiteine may direction  $(\omega + \theta_{\times}, \cos \theta_{y}, \cos \theta_{z}) = \frac{(RND], RNDZ, RNDZ)_{+}}{\sqrt{RNDZ^{2} + RNDZ^{2} + RNDZ^{2}}}$ Let DX, Dy, and DZ denote slab dimensione or plane spacing trong the point of view of it locan't mother what position a ray is launch position has no impact on sparing between plan strikes.

ment contr en surface perturbatively. COL Pez 7 Mst-nz

 $y_s^2 - 1 + 2 n_s^2 - 2 n_c^2 = y_s^2$  $a(n_s^2-n_e^2)=1$ mg-mo = 1 when can this no longer be solved Mc = VN3 - = ne = V 682 = = 4677 Bustion z will be carrent to answer numericals Binding the angular willth over which a partisitive lexists for given gain and classing invites. of the first of the control of the c The second secon 



no in state intex  $\frac{1}{1} > \frac{3 n_s^2 - \lambda n_c^2 - 1}{n_s^2}$   $\frac{n_s^2}{3 n_s^2 - 2 n_c^2 - 1}$ 1> a (ns - ne)  $\frac{1}{2}$  >  $n_s^2 - n_c^2$ ne > Ns - 2 ne > / n= - 2 



200- loss paractics correspond directions that are confined by TIR at ۲ ۱۱ condition 29-60 + 2940y + coales planes water a coal exerit = costly < costly-cost = cod 82 < cod 82-cnit = **626** # to those ran 12 - 24 12 - 24 ns = slab indi

7 35 - 1/2

M > 7 M > -1